

AMENDMENTS TO THE CLAIMS

1-106 (Canceled).

107 (Previously added). A system for treating a sphincter comprising
an expandable structure,
a plurality of electrodes carried by the expandable structure, the electrodes being deployable
into tissue,

a treatment device coupled to the plurality of electrodes and operable in a first state to map
electrical action potential in a tissue region at or near the sphincter and in a second state to ablate
tissue in a tissue region at or near a sphincter.

108 (Previously added). A system as in claim 107

wherein at least one of the plurality of electrodes is adapted to operate in both the first and
second states.

109 (Previously added). A system as in claim 107

wherein one of the plurality of electrodes is adapted to operate in the first state but not the
second state, and wherein a different one of the plurality of electrodes is adapted to operate in the
second state but not the first state.

110 (Previously added). A system as in claim 107

wherein the expandable structure is expandable within the sphincter to dilate the sphincter.

111 (Currently amended). A ~~system~~ method for treating a sphincter comprising
providing an expandable structure adapted to be expandable within the sphincter to dilate
the sphincter,

~~a plurality of electrodes carried by the expandable structure, the expandable structure~~
~~carrying a plurality of electrodes being adapted to be~~ deployable into tissue,

providing a treatment device coupled to the plurality of electrodes ~~and programmed to treat~~
~~the sphincter according to a method comprising the steps of,~~

(i) ~~introducing the treatment device into at least a portion of a sphincter,~~

(ii) ~~operating the treatment device in a first state to map~~ electrical action potential in a tissue
region at or near the sphincter, and

(iii) ~~operating the treatment device in a second state to ablate tissue~~ in a tissue region at or
near the sphincter.

112 (Currently amended). A ~~system~~ method as in claim 111

wherein at least one of the plurality of electrodes is adapted to operate in both the first and second states.

113 (Currently amended). A ~~system~~ method as in claim 111

wherein one of the plurality of electrodes is adapted to operate in the first state but not the second state, and wherein a different one of the plurality of electrodes is adapted to operate in the second state but not the first state.

114 (Canceled).